

FIG. 1

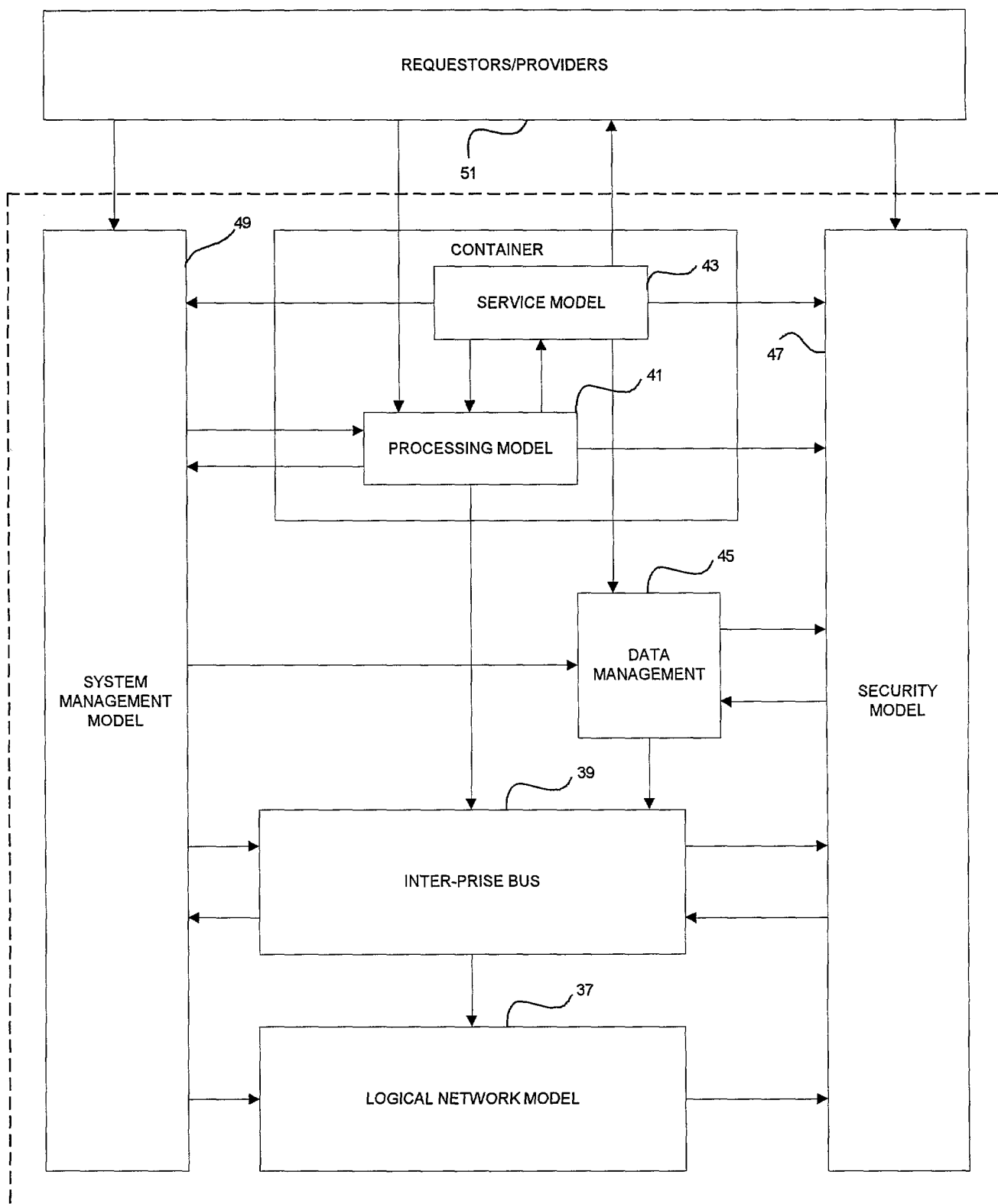


FIG. 2

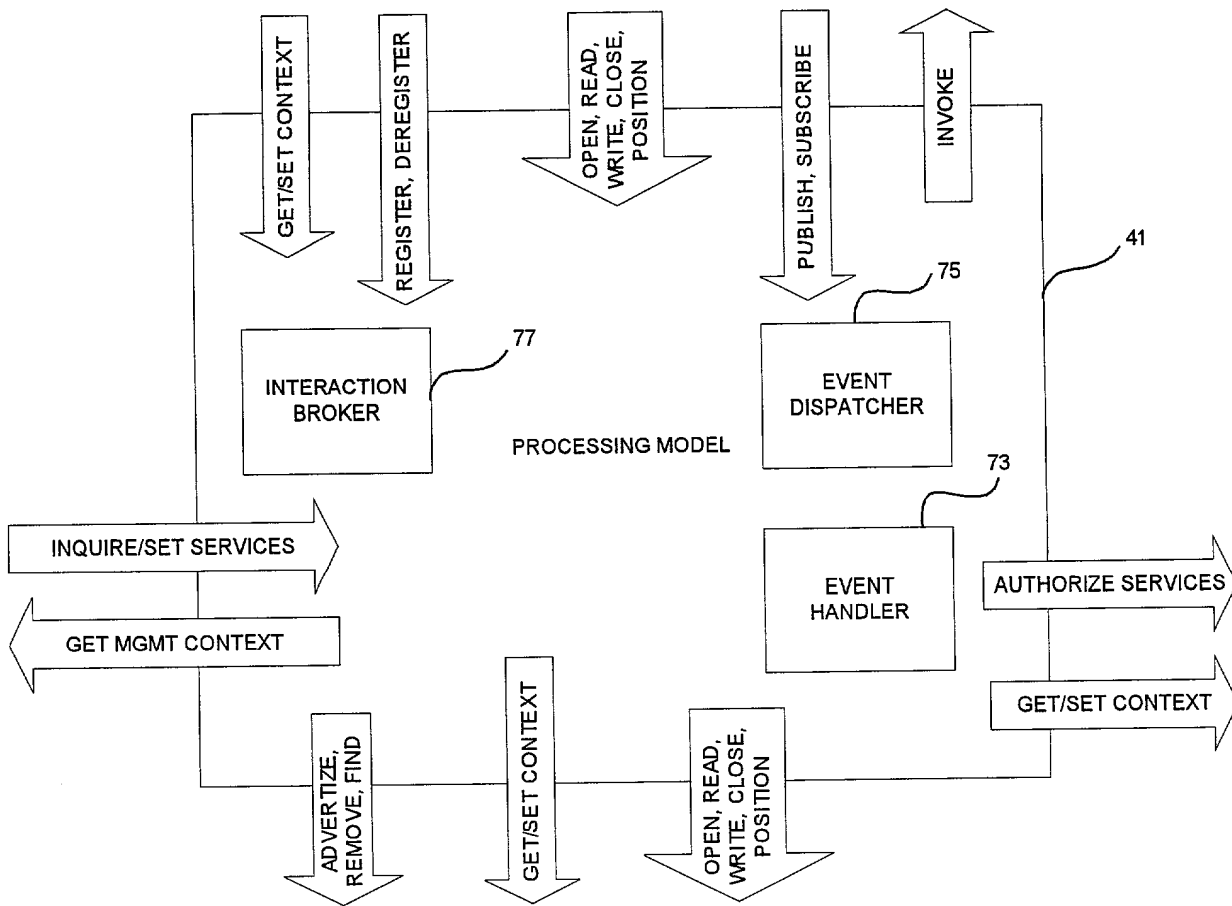


FIG. 3

FIG. 4 is a block diagram of a service model architecture. The diagram shows a central "SERVICE MODEL" block containing four sub-components: "PRODUCER" (71), "CONSUMER" (73), "SESSION" (95), and "ENTITY" (97). The "PRODUCER" and "CONSUMER" are connected to a "PRIVATE PROTOCOL" (43) block. The "SESSION" and "ENTITY" are connected to an "AUTHORIZE FUNCTIONS" block. The "AUTHORIZE FUNCTIONS" block is connected to a "PRIVATE PROTOCOL" (43) block. The "PRIVATE PROTOCOL" (43) block is connected to a "BUILD MANAGEMENT CONTEXT" block. The "BUILD MANAGEMENT CONTEXT" block is connected to an "INQUIRE/SET EPOCH" block. The "INQUIRE/SET EPOCH" block is connected to a "GET/SET CONTEXT" block. The "GET/SET CONTEXT" block is connected to a "REGISTER, DEREGISTER" block. The "REGISTER, DEREGISTER" block is connected to an "OPEN, READ, WRITE, CLOSE, POSITION" block. The "OPEN, READ, WRITE, CLOSE, POSITION" block is connected to a "PUBLISH, SUBSCRIBE" block. The "PUBLISH, SUBSCRIBE" block is connected to an "INVOKE" block. The "INVOKE" block is connected to the "AUTHORIZE FUNCTIONS" block.

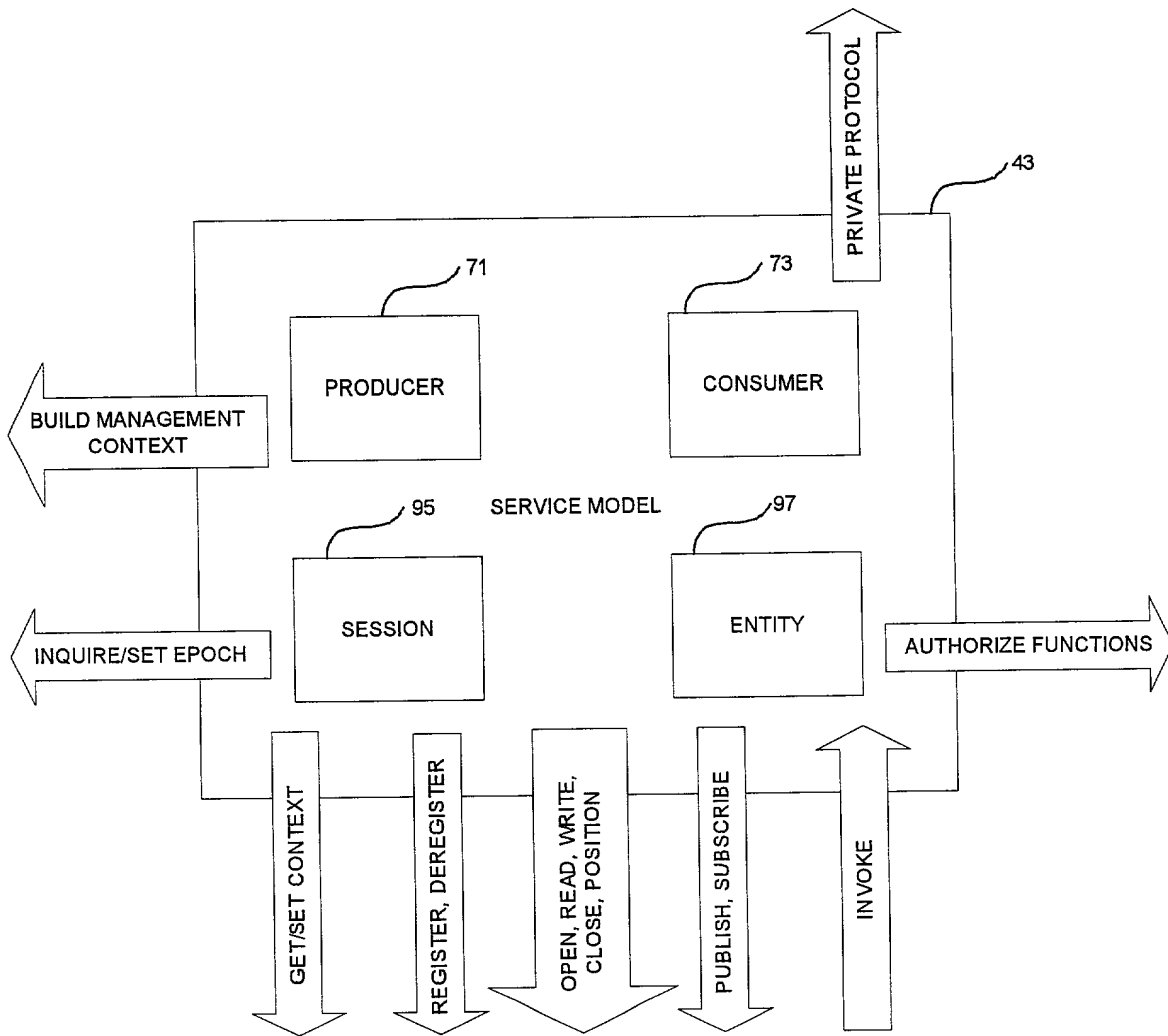


FIG. 4

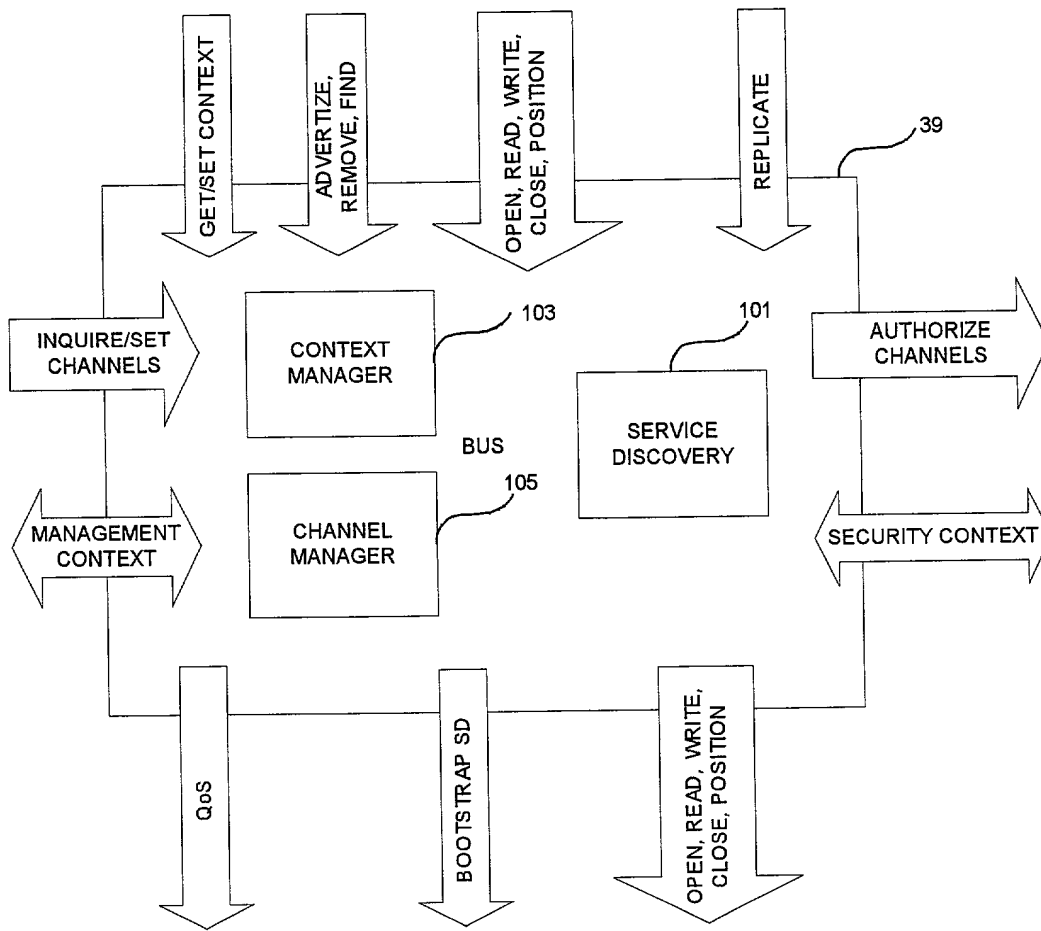


FIG. 5

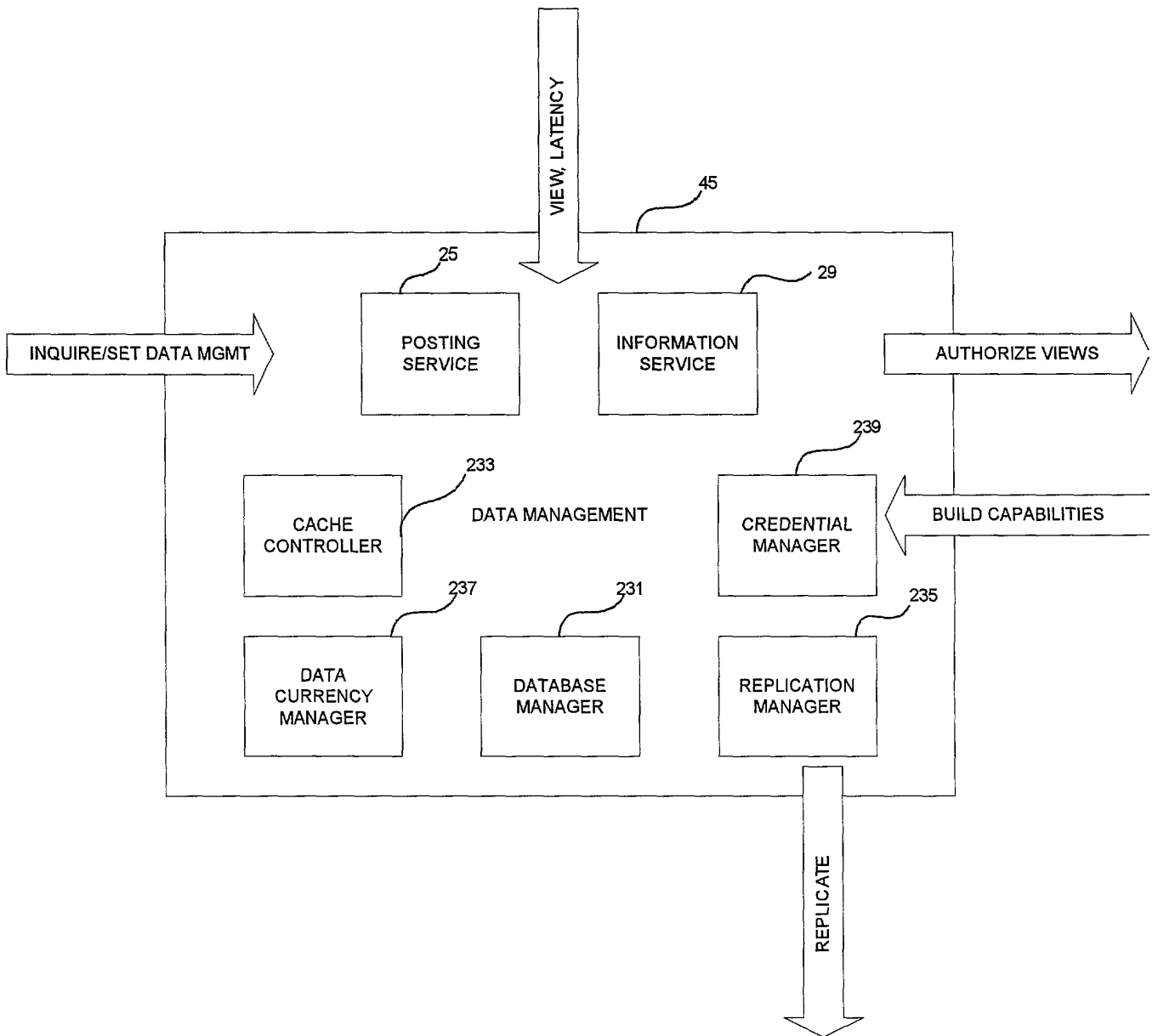


FIG. 6

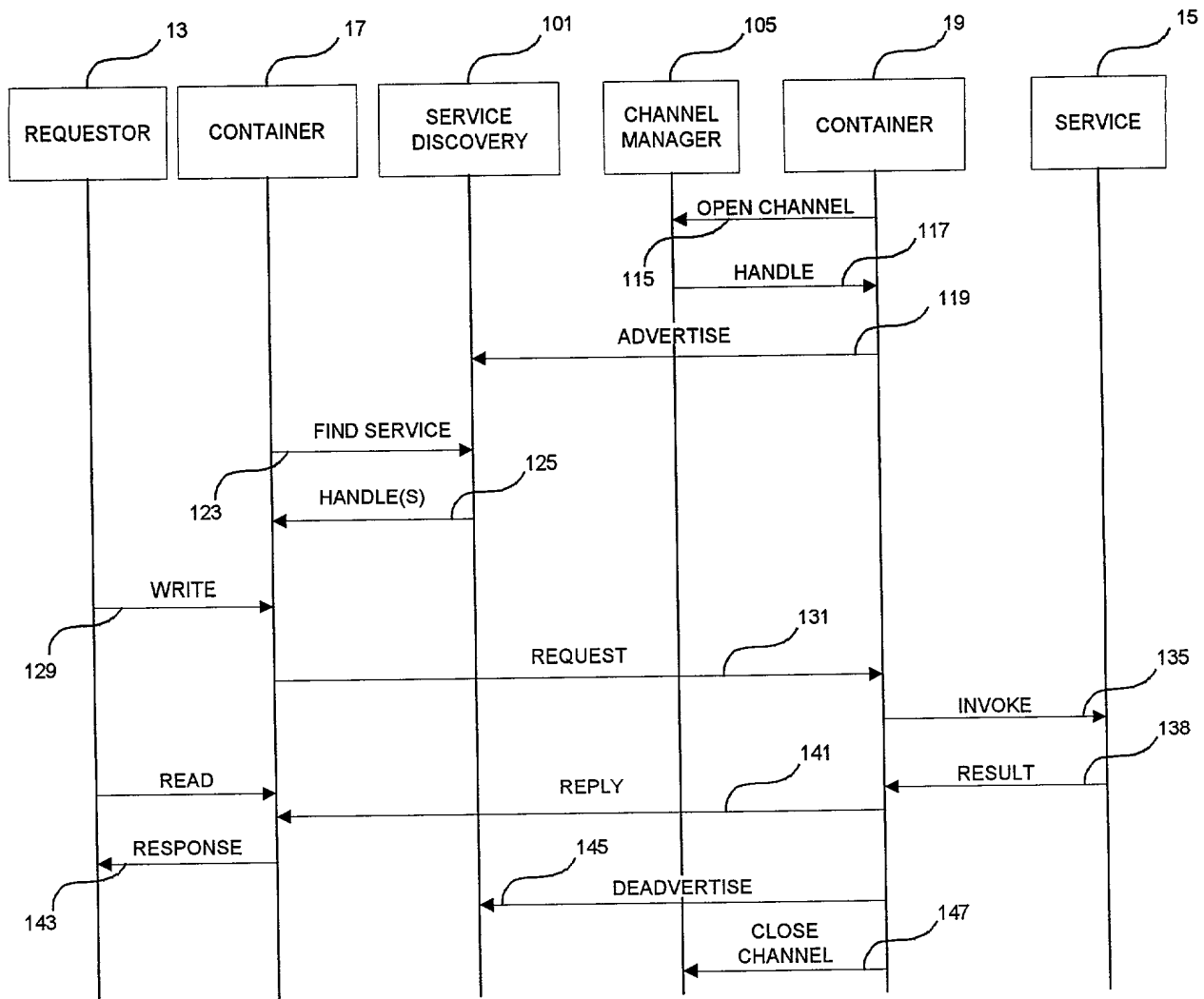


FIG. 7

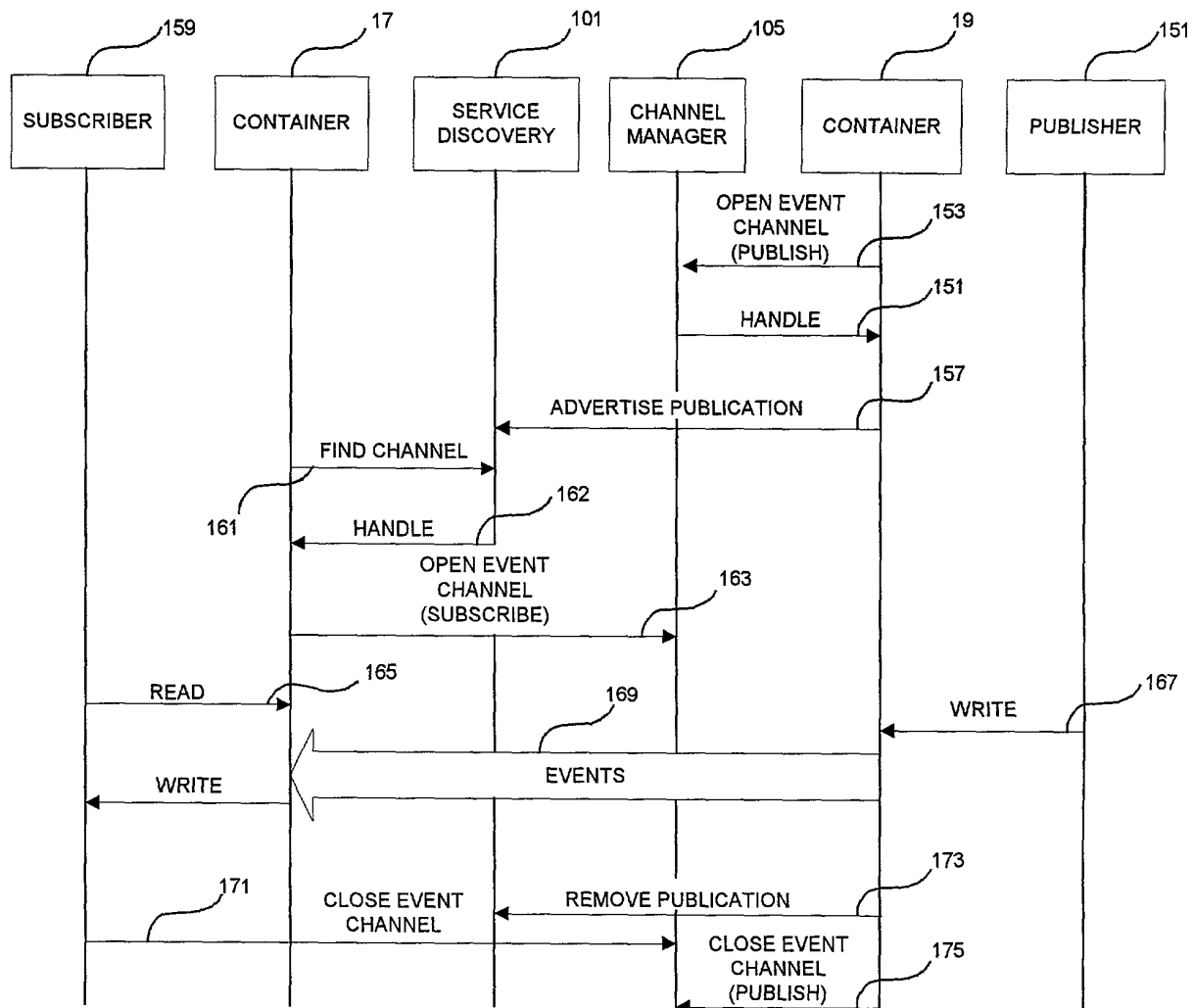


FIG. 8



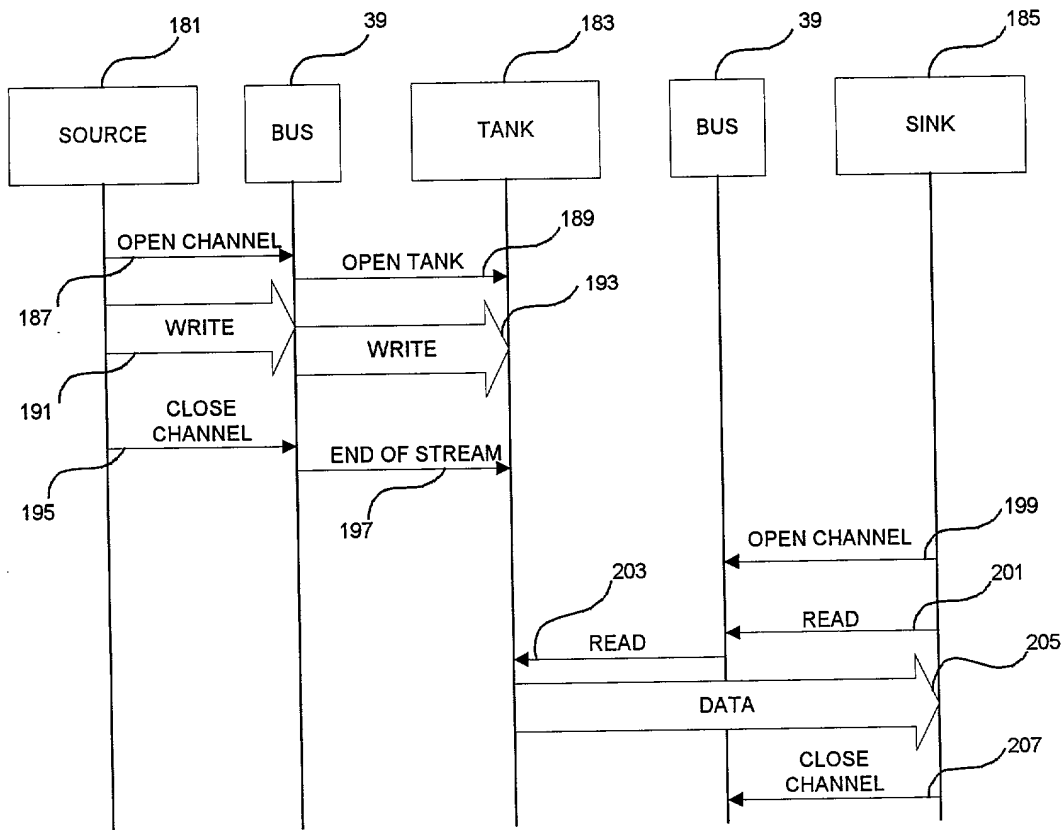


FIG. 9

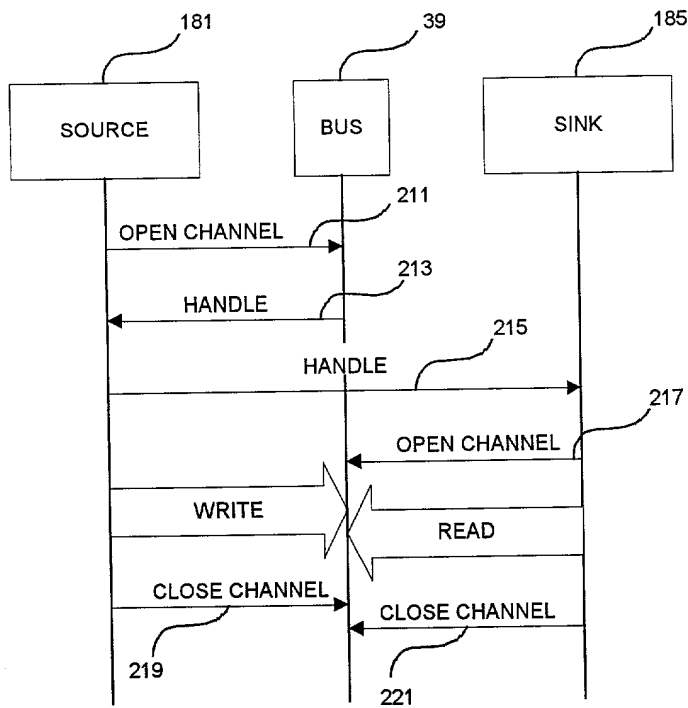


FIG. 10

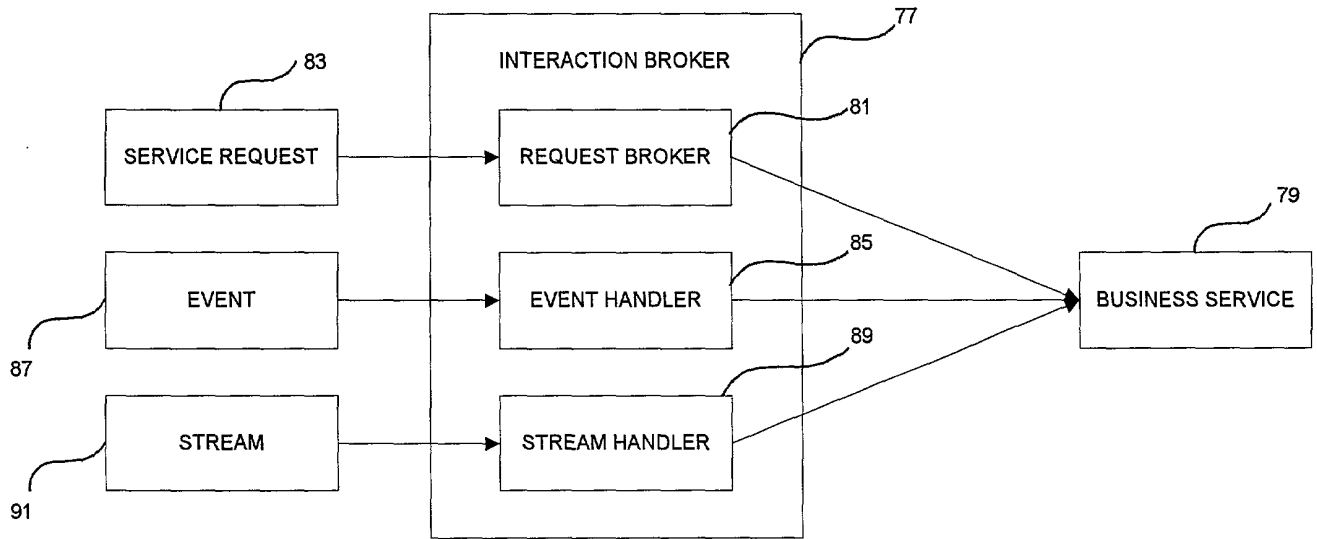


FIG. 11

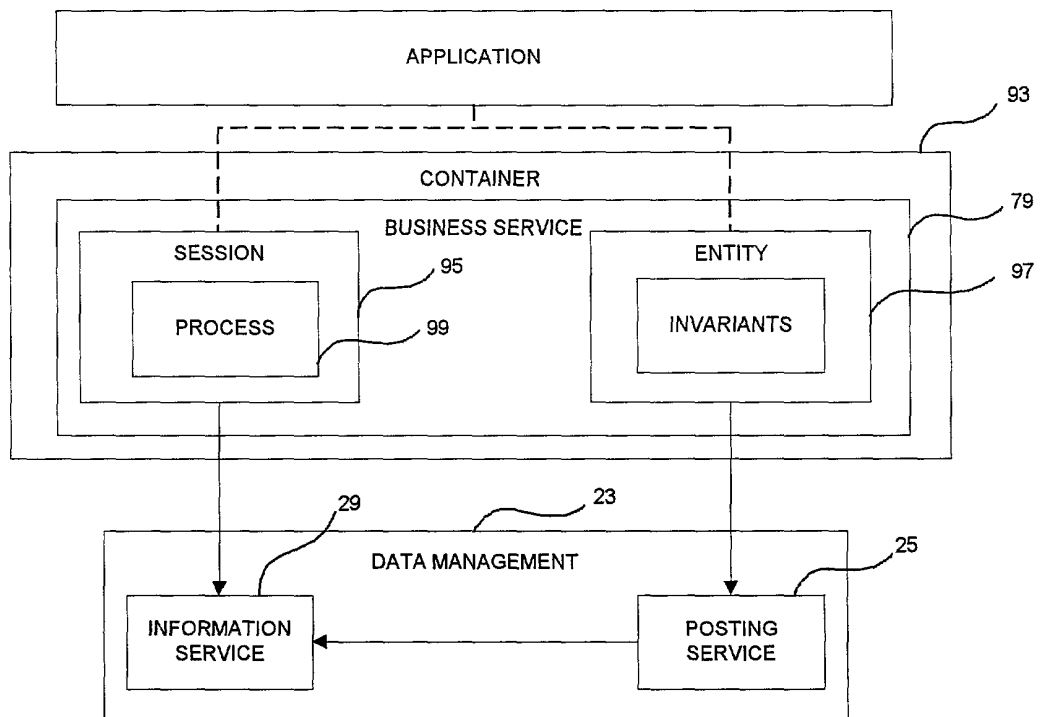


FIG. 12

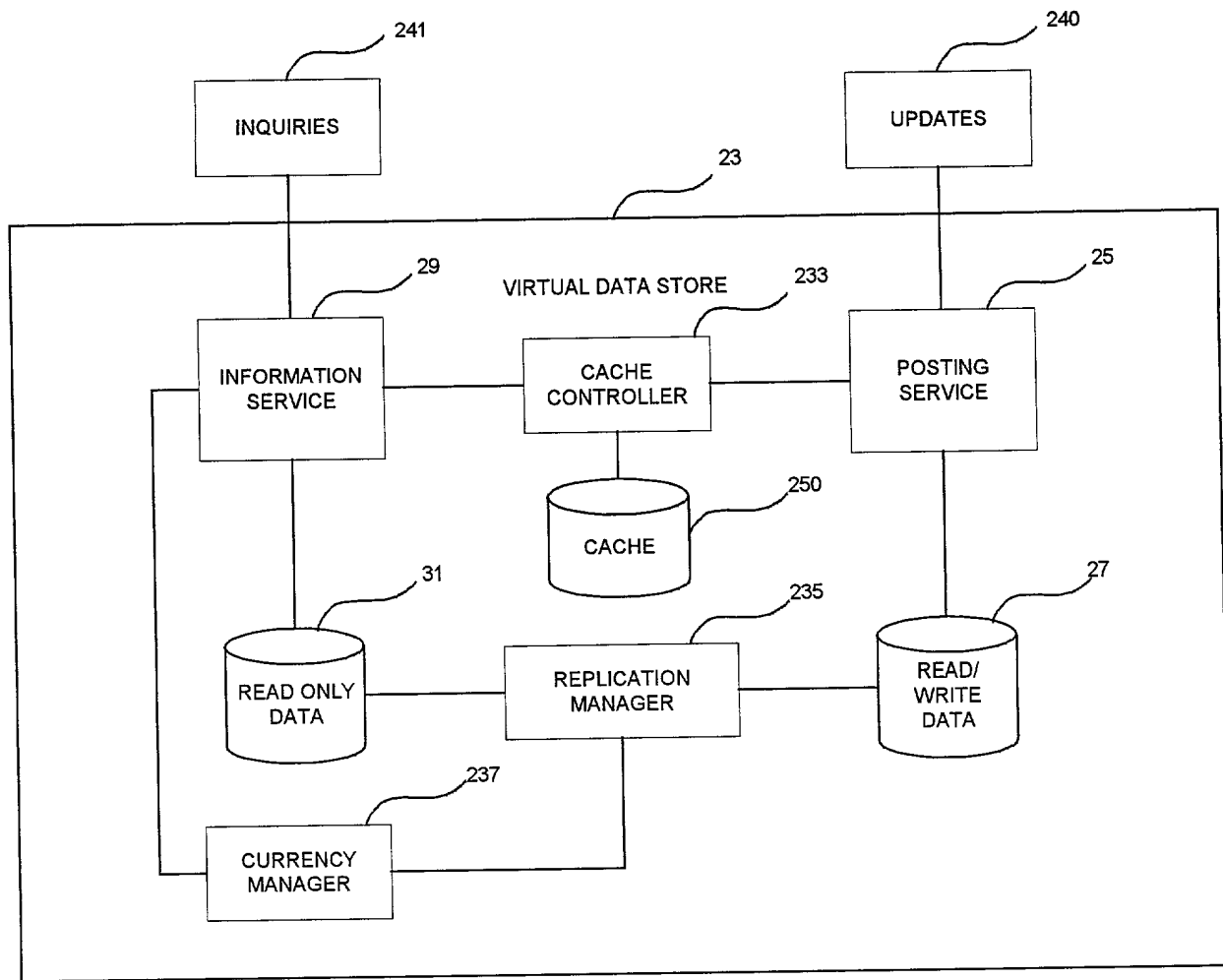


FIG. 13